

Professional Engineers recognize employment practices

199576



NUCLEAR DIVISION HONORED — A special award for the Nuclear Division's professional employment practices was presented recently by David Taylor, President of the Tennessee Society of Professional Engineers. From left are Thomas E. Douglass, head of Plant Engineering; Martin Brown, manager of Mechanical Engineering at ORGDP; Taylor; Roger F. Hibbs, President of the Nuclear Division; Finis S. Patton, Director of Engineering; C. Edward Miller, Y-12 Development; and George R. Jasny, Vice President of the Nuclear Division.

'What safety means to me' poster contest set at Paducah

As part of the Paducah Plant's picnic set May 16, the Plant's Safety Department is sponsoring a "Speak Out for Safety" poster and slogan contest. Winners in the contest will be announced May 11 and entries will be displayed at the picnic. Prizes will be awarded in each of the following age categories:

Poster Contest Age Groups

5 and under
6-8
9-11
12-14

Slogan Contest Age Groups

15-17
Adult

The first prize is a \$75 savings bond and the second prize a \$50 bond. Blue ribbons will be given for two honorable mention selections.

Rules for the contest are as follows:

- The contest is open to Union Carbide employees and their families, including grandparents and grandchildren.

- Posters are to be at least 8½" x 11" in size and no larger than 22" by 28".

- Posters should convey the safety message, "What Safety Means to Me," and will be judged on originality, content and style of presentation. The name of the employee and his/her plant Bell

phone number and the name of the entrant are to be printed in the lower right corner, ON THE BACK, of each entry.

- Slogans should also convey the safety message, "What Safety Means to Me," and will be judged on originality and content. Entries in the slogan category may be in the form of a limerick or verse. They may be brief or up to 50 words long. The name of the employee and his/her Bell phone number and the name of the entrant are to be printed or typed on the lower right corner ON THE BACK of the 8½" by 11" page. Do not put either name on the front of the entry.

- Only one entry per person.
- All entries should be submitted by May 8.

Corporate world of Union Carbide

THE FORMATION OF A JOINT VENTURE to serve the growing demand for compressed gaseous nitrogen in enhanced oil and gas recovery applications was announced recently by Ingersoll-Rand Company of Woodcliff Lake, N.J., and Union Carbide Corporation. The 50-50 partnership venture of Union Carbide's subsidiary UCAR Energy Services Corporation and Ingersoll-Rand's subsidiary, Ingersoll-Rand Enhanced Recovery Company, is called Niject Services Company and will be headquartered in Tulsa, Okla.

Cryogenic air separation plants complete with the required compression capabilities will be constructed on-site at the producer's oil or gas field. Niject will own and operate the air separation plants and will sell the compressed gaseous nitrogen to users under long-term contracts. The joint venture company will also offer nitrogen rejection services for the separation of nitrogen from natural gas.

Niject provides the oil and gas industry with single source capabilities in this area. Most of the major components of the air plants will be manufactured by Ingersoll-Rand — the inlet air and nitrogen injection compressors — and by Union Carbide — the cryogenic cold boxes.

A special certificate in recognition of the Nuclear Division's "progressive professional employment practices" was presented recently to Roger F. Hibbs, Division President, by David Taylor, President of the Tennessee Society of Professional Engineers.

Taylor explained that employers are nominated by the National Society of Professional Engineers for the "Employer's Recognition Program" on the basis of employment policies generally consistent with the philosophy of the Guidelines for Professional Employment of Engineers and Scientists.

"It is appropriate that your company should be among the first in Tennessee to receive this recognition," Taylor told Hibbs. "You have been very supportive of our activities for many years. On behalf of the Society of Professional Engineers, I thank you for your support and encourage your continued good employment practices for professional employees."

In response, Hibbs explained that Union Carbide has a deep interest in developing professionalism among its employees. He expressed his appreciation in behalf of the Corporation.

NSPE's Professional Employment committee established the Employer Recognition program to express appreciation to those employers whose recruitment, employment, professional development and other practices indicate their favorable treatment of professional employees.

In this issue...

They're now the Professional Secretaries International, and they do more than type and file in a "Nine to Five" mode. Gail Meis, for instance, is involved in word processing activities in Y-12's Engineering that would have baffled her counterparts of a few years back.

PSI activities and plans for Secretaries Week (April 19-25) are detailed on Page 4.

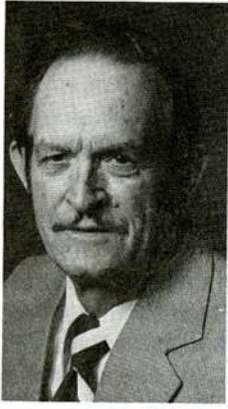
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Recent Retirements



Henry D. Artis
Equipment Services
Y-12
22 years service



Cecil E. Moyers
Engineering
ORNL
38 years service



Robert L. Newton
Operations
ORGDP
37 years service



Ella Petrowski
Building Services
Y-12
10 years



Robert S. Livingston
Central Management
ORNL
38 years service



Joseph N. Kelley
Purchasing
ORGDP
36 years service



Mary H. Jenkins
Casting Department
Y-12
37 years



Willis H. Campbell
Operations
ORNL
33 years service



John G. Vance
Barrier
ORGDP
35 years service



Roger K. Carper
Alpha 5 West
Y-12
25 years service



John R. Lund
Analytical Chemistry
ORNL
30 years service



Russell A. Cooper
Engineering
ORGDP
30 years service

Paducah-TVA employees form special vanpool from Mayfield

The TVA-sponsored vanpool demonstration project utilized by two groups of carpoolers at the Paducah Plant proved to be so successful that both groups have created their own vanpools.

Thirteen Mayfield residents participating in the project have formed Chateau, Inc., to operate a 15-passenger van which the corporation purchased in Mayfield to replace the TVA van.

"We found the vanpool to be so economical and convenient that we decided to try to devise a way of keeping it in operation when the TVA demonstration was complete," said Ed Bazzell, Chateau, Inc., president.

Assistance came from the employee Credit Union, which provided 100 percent financing for the vehicle, along with monthly payroll deductions from each vanpool member that go into the corporation's interest-earning operating account. Desirable parking also is guaranteed in the plant parking lots.

Formation of the corporation involved the legal assistance of an attorney and state approval. (Vanpools are exempt from common carrier regulations in Kentucky.) Upon approval of the corporation's formation, the group elected officers, established by-laws and set up a fee schedule for riders.

The TVA-sponsored vanpool project replaced five Mayfield carpools and resulted in a savings of over 67,000 driving miles during the nine-month test period. The corporate-owned vanpool costs each rider \$45 a month. This includes payment for the van, gasoline, insurance and maintenance. Drivers rotate each week and limited personal use of the van is permitted.

In the event the van is disabled, substitute transportation is paid at the current Carbide travel allowance rate. Specific rules also apply to replacement riders, extra temporary riders and member termination or new member acceptance.

The Murray vanpool solved its loss-of-vehicle problem by private purchase. J. R. Story purchased the 15-passenger project van, which TVA offered to sell upon completion of the demonstration.

Story's 12 regular vanpoolers pay \$50 a month through Credit Union payroll deduction. This may fluctuate as gasoline prices change. Allen Russell, one of Story's passengers, estimates that his yearly savings from riding in the van comes to more than \$400, when compared to driving alone. Janice Allen, a member of Chateau, Inc. calculates her yearly savings driving from Mayfield at approximately \$350.

Nuclear Division Deaths



Mr. Beckham

Clarence E. Beckham, Y-12 Stores Department, died in a Knoxville hospital March 31. A native of that city, he joined Union Carbide in 1945 after serving in the U.S. Army. He was graduated from Stair Tech.

Survivors include his wife, Mary Logan Beckham, 1908 McClain Road, Knoxville; sons, Dwight and Sonny; three grandchildren, brothers, Ken, Ed, Bruce, Everett and Orville Beckham Jr.; sisters, Alice Keck and Madeline Meets.

Graveside services were held at the Greenwood Cemetery.



Mrs. Jenkins

Mary F. Jenkins, a janitor in the ORNL Operations Division, died in a two-car accident outside Lenior City March 27. Jenkins joined ORGDP in 1974, transferring to ORNL in February of this year.

Survivors include a daughter, Betty Babcock, Lancaster, Calif.; brother, Robert Cornett, Lenior City; and two sisters, Sue Bradstreet and Jean Hancock, both of Jackson, Fla.

Funeral services were held at Hawkin's Funeral Home in Lenior City, with burial at Pleasant Hill Cemetery.

UNION
CARBIDE

Nuclear Division News

UNION CARBIDE CORPORATION
NUCLEAR DIVISION
Post Office Box Y
Oak Ridge, Tenn. 37830

EDITOR

James A. Young, 574-1643

ASSOCIATE EDITOR

Cindy Ross Lundy, 574-4163

ORGDP

Ruby A. Miller, 574-8093

PADUCAH

Darlene M. Mazzone, Bell 208



INTERNATIONAL ASSOCIATION
OF BUSINESS COMMUNICATORS

Published every other week
for employees such as:



Don Shearer, an instrument engineer at the Paducah Plant. Shearer joined Union Carbide last year after graduating from South Illinois University.

Anniversaries

ORNL

35 YEARS

Ray H. Ward, Plant and Equipment; Luther P. Jernigan Jr., Operations; Sebra E. Foust Jr., Plant and Equipment; Otto F. Manuel, Plant and Equipment; William E. Unger, Fuel Recycle; J. W. Weatherly, Health; and W. Walter Goolsby, Engineering.

30 YEARS

Donald E. Dunning, Fuel Recycle; Ireland M. Barker, Solid State; Clarence J. Cooper Jr., Operations; and James L. Hull, Operations.

25 YEARS

John E. Van Cleve Jr., Malcolm D. Brister, Raymond D. Lawson, John J. Pinajian, Thomas K. Roche, Margaret R. Matthews and G. H. Kitchings.

Y-12 Plant

35 YEARS

Robert W. Schede, Development Division; Robert A. Riordan, Mechanical Inspection; Robert K. Bennett Jr., Development Division; and John W. Shipley Jr., Materials Specimen Shop.

30 YEARS

John L. Noey, Engineering; John G. Harber, Chemical Services; Grover C. Gipson, Guard Department; and Roy C. Crawford, General Can Fabrication Shop.

25 YEARS

James O. Olvey, John W. Ellison Jr. and Bobby L. Grogan.

20 YEARS

William H. Overbey, Chad L. Duckworth, Theodore S. Burnette, Carl H. Parks, Joe W. Pryor and Thomas L. White.

ORGDP

35 YEARS

Robert F. Hibben, General Accounting.

Payne promoted



Payne

Larry D. Payne has been promoted to Hazardous Materials Coordinator in the Paducah Plant's Material Terminal Management Department. Payne previously held several laboratory positions in the Technical Services Division prior to his current position in the Employee Relations Division.

Payne has a BS in chemistry and biology from Murray State University. He joined Union Carbide in 1979 following employment at TVA's Land Between the Lakes.

Payne and his wife, Tena, have two children, Kendra and Ryan. They live on Route 2 in Calvert City, Ky.



1981 UNITED WAY COMMITTEE — Employees at the Paducah Plant met recently to plan for the 1981 United Way drive. United Way serves agencies in seven counties. The drive will be headed by David Stansberry, standing at left, Finance and Budget Department head. Last year plant employees surpassed the \$1 million mark in donations since the drive began in 1953. Members of the 1981 plant committee are, seated from left, Pat Mosley, Mary Jordan, Otis Titsworth, Marie Johnson, Raymond Brust and W. D. Sullivan, McCracken County United Way coordinator. Standing, from left, are Stansberry, Harold Pryer, Leroy Hall, Gene White, Nadie Vance, Jo Grisham, K. L. Wallace, Charlene Dawes, Joe Houston, Bill Lindsey, Betty Hunt, Joe Mize, Sandra Neal, Darlene Mazzone, J. O. Dobson (United Plant Guard Workers of America local president), Chris Mason, Bill Sacharnoski (Oil, Chemical and Atomic Workers local president), Morris Wicker and Norm Dobbs.

News About People



Wakabayashi

Three research staff members at ORNL have been honored by the American Physical Society. Newly elected fellows of the society are Nobuyoshi Wakabayashi, Solid State Division, and K. T. R. Davies and Franz Plasil, Physics Division.

The designation as fellow is conferred on members who have made outstanding contributions to the advancement of physics through independent original research or special service.

Wakabayashi joined ORNL in 1969 after receiving the PhD from Iowa State University. He was a guest scientist at KFA, Julich, West Germany, in 1974-75 and has lectured at many laboratories in Europe.

He has gained an international reputation for his experimental investigations of the physical properties of materials by neutron scattering techniques and is a recognized authority of the lattice dynamics of layer compounds and of transition metals and their alloys. In addition, he is the author of a theory of lattice vibrations based on a charge fluctua-



Davies

tion model which has been very successful in explaining the anomalous properties of niobium and other transition metals.

Wakabayashi, his wife, Natsuko, and their two daughters live at 102 Colgate Road, Oak Ridge.

Davies, who holds the PhD from Carnegie-Mellon University, joined ORNL in 1962. He is cited primarily for his fundamental contributions to the field of Hartree-Fock theory as applied to the properties of static nuclei, and at present to the field of time-dependent Hartree-Fock theory as applied to the scattering of heavy ions.

Davies and his wife, Anne, live on Ridge Lane, Orchard Knob, Clinton. They have three children.

Plasil received his PhD from the University of California, Berkeley, in 1964 and joined ORNL in 1967. Previously he worked at the Lawrence Radiation Laboratory and Brookhaven National Laboratory. He was a guest scientist at the Institut de Physique Nucleaire, Orsay, France, 1974-75.



Plasil



Moretz

He is recognized for his contributions to our present understanding of reactions between complex nuclei and of heavy ion induced fission. He is co-author of one of the most widely cited papers in nuclear theory on the limiting rotational values a nucleus can achieve before fission. He is presently group leader of an experimental physics group in the Physics Division which primarily studies macroscopic aspects of heavy-ion reactions.

Plasil and his wife, Carol, live at 964 West Outer Drive, Oak Ridge, with their two children.

Ralph M. Moretz Jr. has qualified as a Certified Quality Engineer in the American Society for Quality Control. A native of Boone, N. C., Moretz joined Union Carbide in 1954. He has attended the University of Tennessee and Roane State Community College. Moretz was a master chief electrician in the U.S. Naval Reserves (Seebees), where he served 20 years. He lives at 614 Riverbend Road, Clinton.

Varied roles recognized during Secretaries Week

The week of April 19-25 has been designated Professional Secretaries Week by Professional Secretaries International [formerly the National Secretaries Association (International)]. The purpose of the observance is twofold: to remind secretaries of their responsibilities to their profession and to recognize them for their vital roles in business, industry, education, government and the professions.

The role of the secretary probably has changed more during the past 5 years than in the preceding 50. Today's professional secretaries have different perspectives about themselves, their careers and their futures. Many career-oriented secretaries are preparing themselves for future advancement through participation in educational assistance programs, in-house courses, on-the-job training, training on new automated equipment, attendance at educational seminars, etc.

Secretaries in the Nuclear Division make significant contributions to the Company. They are involved in training programs, seminars, safety programs and more, as the accompanying photos indicate.

Significant contributions

Gail N. Meis, for example, is a secretary in Instrumentation and Control Engineering at Y-12. In this capacity, she uses the CRT (cathode ray tube) as an electronic mail device for better coordination between ORNL, ORGDP and Y-12. She also operates the Wang System 25 for word processing, including a reader, facsimile device and telecommunications equipment for retrieving information from other word processing points inside and outside Oak Ridge.

Edith C. Jones and her supervisor, ORNL Health and Safety Research Division Director Stephen V. Kaye, presented three seminars at ORNL

and Y-12 on time management. These seminars for secretaries and managers emphasized a team approach to solving the time management problems in the office.

Teaching courses

Many secretaries in the Nuclear Division are involved in teaching courses (such as EXCEL, Gregg Business Review, clerical training course for new employees, review of the Nuclear Division Office Guide and many more) in their divisions and through the Employee Relations Division. M. Wyvetta Ratledge, Rachel R. Smith and Mary Frances Tolliver of ORGDP are among the many secretaries who have taught these courses.

Mary Ellen Pfost, administrative secretary for the Technical Services Division, Paducah Plant, recently presented a safety meeting entitled, "Ladies, Self-Protection." She discussed purse snatchers and muggers, entering an empty house alone, precautions in your car, break-ins and what to do about annoying phone calls.



Mary Ellen Pfost presented a popular safety meeting at the Paducah Plant.



ORGDP's M. Wyvetta Ratledge, Rachel R. Smith and Mary Frances Tolliver are involved in teaching in-house courses.



Y-12's Gail N. Meis uses a CRT at her desk.

Secretaries sponsor breakfast

The Oak Ridge Chapter of Professional Secretaries International [formerly National Secretaries Association (International)] will sponsor a breakfast buffet April 20 from 6:30 to 8 a.m. at the Oak Ridge Holiday Inn. The event will be part of the observance of Professional Secretaries Week (April 19-25).

Clyde C. Hopkins, ORNL executive director for support and services, will speak on "The Increasing Value of the Professional Secretary."

An award will be presented to the Oak Ridge Chapter member who has made significant contributions to the organization and to the field during the past year.

All area secretaries and their supervisors are invited to attend the breakfast. Tickets are \$4 and may be obtained from Nancy E. Buttner, K-1001, Room C-224; or Betty S. Miller, K-1580, Room 312, both at ORGDP.



Edith C. Jones and ORNL Health and Safety Research Division Director Steven V. Kaye prepare for a time management seminar.

Save Energy/ Share the Ride

Y-12

RIDERS from Karns section, Oxmoor Camelot areas, to all portals, 8-4:30 shift. Ray Ford, plant phone 4-3378, home phone Knoxville 947-9222.

CAR POOL MEMBERS from Lenoir City, who attend Roane State College (Oak Ridge) Monday through Friday nights. Ron Ford, plant phone 4-3497, home phone Lenoir City 986-5471.

JOIN CAR POOL from Fountain City area, Harrill Hills section, to North Portal, 7:30-4 shift. John Hurst, plant phone 4-3454, home phone Knoxville 687-9360.

VAN POOL RIDERS from Maryville, Alcoa, to East, North or Central Portal, 8-4:30 shift. G. D. Coppenger, plant phone 4-1380, home phone Maryville 983-5939.

JOIN CAR POOL from Karns, Emory Road area, to Central Portal, 7:30-4 shift. Kay Zevenbergen, plant phone 4-2587, home phone Knoxville 947-0282.

ORGDP

RIDERS from Eaton Crossroads area to Portals 5 and 6, straight day. Paul Rutter, plant phone 4-8297.

JOIN CARPOOL from Clinton (West Side) to Portals 1, 2 & 4. Call Ann Crowe, 4-8975; Jama Hill, 4-9177, or Dick Holbrook, 4-9182.

CARPOOL from Campbell Station Road to Portal 2, 7:45 a.m. to 4:15 p.m. Call Nick Tronolone at 4-9651.

BUS SERVICE from Roane County. Plant phone 5-0204, home phone Harriman 882-5618.

BUS RIDERS from West Knoxville to Portals 1, 2 and 4, 8-4:30 shift. Steve Buffalo, plant phone 6-7314, home phone Knoxville 690-5610.

CAR POOL MEMBER from Claxton to Portal 2, 7:45-4:15 shift. Fay Beach, plant phone 4-9845, home phone 494-9295.

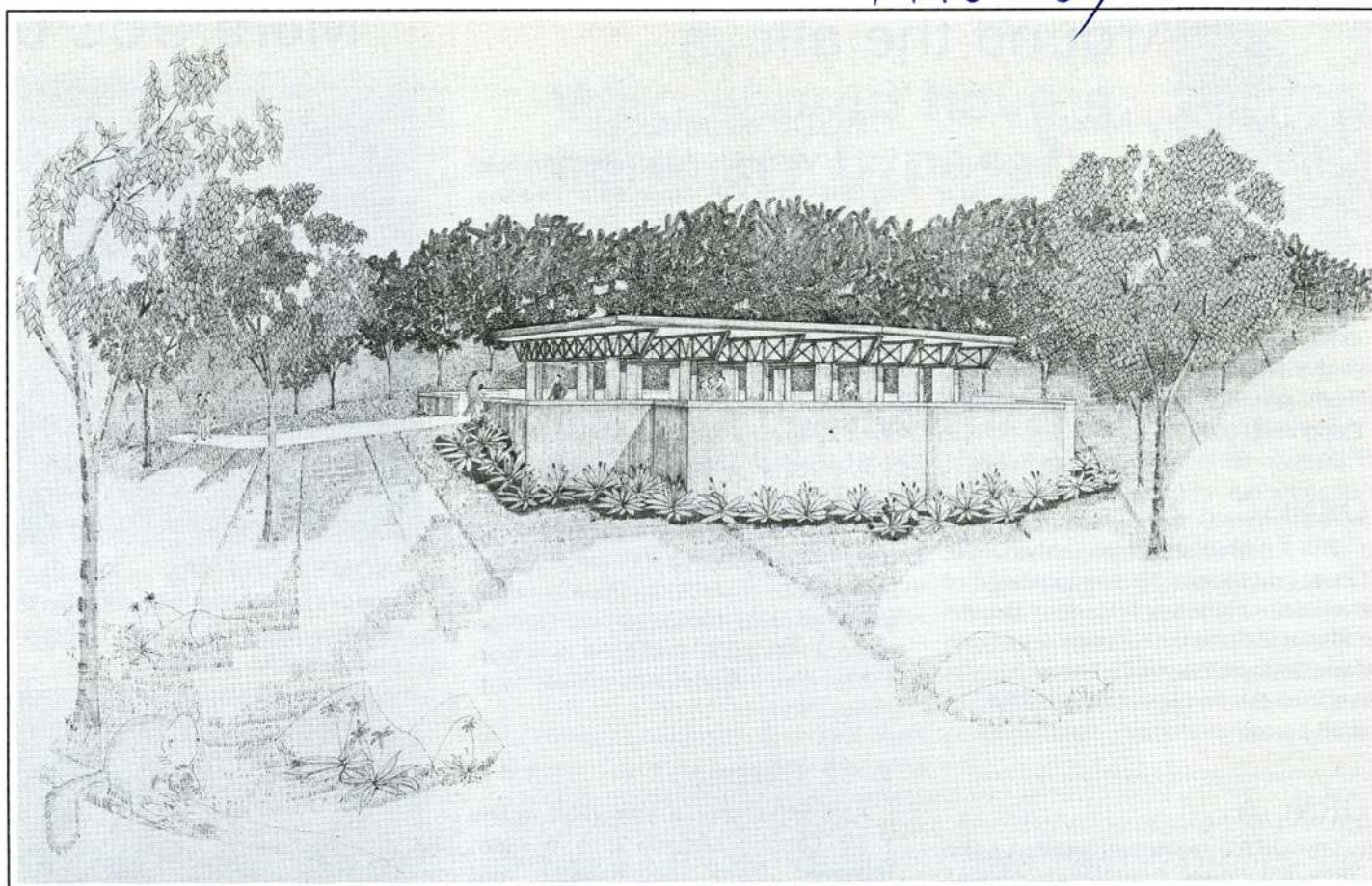
ORNL

CAR POOL MEMBER WANTED from Knoxville West Haven/Cherry Hill Park area to East or West Portal, 8-4:30 shift. Boyd Lynch, plant phone 4-5986; home phone 524-5729.

RIDE NEEDED from Oak Ridge Highway between Karns and Solway to East Portal, 8:15-4:45. Peterson, plant phone 4-4483; home phone 690-3989.

CAR POOL MEMBER NEEDED from Inskip/Cedar Drive area to East Portal, 8-4:30 shift. Freda Cox, plant phone 4-4065; home phone 689-4801.

RIDERS NEEDED FOR COMMUTER VAN from Halls via Emory Road and Clinton Highway to East, North and West Portals, 8-4:30. Al Farmer, plant phone 6-4877; home phone 687-3467.



Visitor overlook to be built at ORNL

Design has been completed and construction will begin this summer on a visitor overlook at ORNL. The wood-truss-type shelter, with a roof area of 3200 square feet, is to be built on a wooded hillside across from the main entrance to the Laboratory. Access will be by a 500-foot walkway from an existing overflow parking area north of Bethel Valley Road.

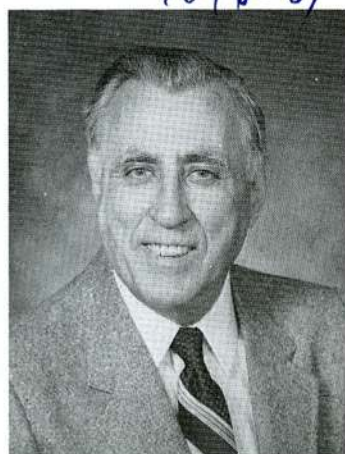
The overlook, similar in concept to one opened originally in 1962 at ORGDP, will provide an area where visiting groups can assemble, view displays and receive information and briefings on ORNL.

The site overlooks the main administrative and research complex in building 4500 as well as three major physical science facilities in the area around Swan Lake: the Holifield Heavy Ion Research Facility, the Oak Ridge Electron Linear Accelerator and the Van de Graaff Laboratory. Exhibits and displays, as well as an audiovisual presentation highlighting these and other ORNL facilities and programs, will be featured at the new facility.

Currently the Graphite Reactor, a designated National Historic Land-

mark, receives some 15,000 visits annually, and ORNL provides tours and briefings for 6-7,000 persons, including participants in the regular Saturday Educational Tour conducted in cooperation with the American Museum of Science and Energy. These totals do not include the large number of professional and research visitors who come to the Laboratory each year. During the 1982 World's Fair in Knoxville, a substantially increased number of visits by both the general public and technical groups is expected.

H. E. Zittel named section head in Energy



Zittel

H. E. "Bud" Zittel has been appointed head of the environmental impacts section in the Energy Division at ORNL.

Zittel has been manager of the Environmental Statements Project at the Laboratory since 1975. In his new position, he will succeed Thomas H. Row, who has been appointed director of nuclear waste programs.

The environmental impacts section and its predecessors have prepared more than 100 environmental statements for various federal agencies as part of the agencies' responsibility under the National Environmental Policy Act.

This work, dealing initially with the construction and operation of nuclear power plants, has been expanded to include assessments of virtually all of the energy technologies currently under development, including solar, geothermal, and other alternative sources. Most recently, the section has completed the first statements on proposed large-scale demonstration facilities for production of synthetic fuels from coal.

Studies also have been carried out for the Department of Energy on major facilities and research and development activities, such as the national fusion program.

Zittel has been associated principally with the preparation of environmental statements on proposed nuclear power generating facilities for the Nuclear Regulatory Commission. He has served as a consultant to NRC and an expert witness in licensing proceedings.

He received his undergraduate and PhD degrees in chemistry from Vanderbilt University. He joined the ORNL Analytical Chemistry Division in 1958 and became a member of the Environmental Statements Project in 1973.

Zittel is a member of Sigma Xi, the American Association for the Advancement of Science and the American Chemical Society.

He and his wife, Florence, live in Roane County. They have two children.

Around the alleys...

UCC Monday Mixed...

The Lucky Strikes lead the league by one-half point ahead of the Four Eagles. The Pacesetters came in third by 1½. Tom Peek captured a big high recently with a 277/663 handicap count. Cheryl Womack took high series for women with a 629 scratch and a high handicap single of 255. High series handicap went to Betty Copeland, 676.

ORNL C...

The Hit Men stand tall in the ORNL C League, about 13 points ahead of the Knuckleheads. Carlos Brooks rolled a 679 series recently, and Gino Zanolli posted a 647. Team honors went to the Pin Heads, with 2962 in total count.

ORNL A...

The ORAU team still heads up the ORNL C League. Fred Kitts put a 691 series up recently, as the league-leading team took high honors with 3116 handicap count.

K-25 Wednesday...

The Amps are bare leaders in the K-25 Wednesday League, only a hair ahead of the Planners. Wayne Weatherford's 680 handicap series was high recently; and John Peer's 231 single, 652 series were high in scratch scoring.

ORGDP Women's...

The Woodbees take over the lead in the ORGDP Women's League, ahead of the Spotters. Emily Hester rolled a 207/250 single recently; and Oleta Carden put a 523 scratch series up. Cheryl Young and Roberta Kirkpatrick rolled handicap series of 641.

Y-12 C...

A three-way tie has developed in the Y-12 C League, as the Sunflowers, Big Five and Anodes all share top berth, with the Favorite Five only four away. Bob Tinkle holds the top single game of 283 handicap, as George Bullock has a 279 and John Johnson a 275. Terry Hansford controls high series, 737.

Y-12 Classic...

Atta-Boys take a slim lead in the Y-12 Classic League only a point removed from the Ridgers and Tigers.

The Pendulum team holds a rollicking 3177 for high series, as the league-leading Atta-Boys have a 1126 single.

UCC Mixed...

The Go Getters hold a slim lead in the UCC Mixed League as action rolls toward the season's end. Sally Stockstill's 686 series is high for women; Dave Cook's 735 for men, both in handicap scoring.

More UCC bowling champs



WOMEN CHAMPS — The Ebonettes took both scratch and handicap honors in women's bowling in the recent All-Carbide tournament. From left are Mary Johnson, Jennie Saffell, Rosa Johnson, Mary Hawkins and Arnetta Johnson.



CONEHEADS WIN BIG — The Coneheads took the tournament championship in handicap scoring in the All-Carbide tournament. From left are Linda and Jim Burnett, Allyn Zerby and Jane Williams.



MIXED SCRATCH WINNERS — The Wild Turkeys tamed the rest of the field in the All-Carbide tournament by taking high scratch honors. From left are David Cook, Linda Shepherd, Carolyn Cook and Roy Dukes.



HANDICAP CHAMPIONS — The FES-KIDS were high rollers with a 3145 score in the All-Carbide tournament. Front left are Bill Briscoe, John Burke and Jim George. Standing are Charles Ferguson and Don Scott.

Tee-Off Time Application for

April 25, 1981

(Check Appropriate Plant)

- ☐ ORGDP—Wallace Hills
☐ Y-12—Cedar Hills
☐ ORNL—Southwest Point



Time Preferred _____

Leader 1. _____
 2. _____
 3. _____
 4. _____

PHONE _____

BLDG. _____

TEE-TIME _____

COMPLETE AND RETURN TO THE Y-12 RECREATION OFFICE
 Y-12 — BUILDING 9711-5, MS-1

Entries must be received prior to drawing on April 22, 1981.

Tee-off times for all tournaments will be drawn on Wednesdays prior to each Saturday's tournament. Golfers are responsible for reserving their own carts by contacting the pro shop following drawing for tee-off times. Please call the Recreation Department, 4-1597, Thursday for time.

Paducah golf...

Members of the Paducah Plant golf committee met throughout the winter to prepare for the upcoming golf season and to consider appropriate changes in the plant-sponsored golf leagues and scrabbles. As a result, the date of the Earlybird scrabble has been set for April 25 at Paxton Park. (The new entrance to the course is located on Berger Road). The official tee time for the scrabble will be announced in flyers distributed throughout the plant.

Plans are also being made for the men's and women's golf leagues. Tentative dates for the leagues' start-up are May 5 and May 4, respectively. The men's league will run through early September and the women's play will end in mid-August.

Persons wanting more information may contact any division representative. They are: Robert Moss, Employee Relations; Mike Flood, Maintenance; Debbie Blagg, Engineering; Manley Fortune, Cascade Operations; Gene White, Finance and Materials; Steve Seltzer, Technical Services; Dan Garrott, Power, Utilities and Chemicals; and Chris Vollman, Shift Operations and Plant Protection.

Retirees' golf ...

The Union Carbide Retirees Association is planning a summer golf league to be played at South Hills on Monday, beginning at 9 a.m. An organizational meeting will be held at the Senior Center in Oak Ridge at 3 p.m., Wednesday, April 15. There will be instructions for beginning golfers.

Additional information may be obtained from Don Matlock, Oak Ridge telephone 483-6733, or at the UCRA office, 576-1786.

Summer League...

A call is out for the Carbide Family Mixed Summer League to bowl on Thursdays at 6 p.m. at Tri-County Lanes. You may call the Recreation Office, 574-1597, or Mary Hawkins 574-9382 to get more information. The summer league requires two men and two women.

Good Friday holiday

Friday, April 17, is the third holiday of the year for Nuclear Division employees, as Good Friday will be observed.

Our next holiday will be a time set aside for Memorial Day, Monday, May 18.

More UCC bowling champs



John Peer - Jean Zambo
Mixed Doubles, scratch



SCRATCH CHAMPS — The Amps took the championship in scratch bowling in the All-Carbide tournament. From left in front are Lou Finley and Jim Fletcher. In the rear are Charles Heth, Leon Hurd and John Patton.

Who should have a coronary bypass?

by T. A. Lincoln, M.D.



After a patient has been diagnosed as having coronary heart disease, his or her first question often is, "Should I have a bypass?" Over 100,000 bypass operations are performed each year at a total cost of well over one billion dollars. Before submitting to this expensive procedure, the patient should carefully consider the potential risks and benefits.

During coronary bypass surgery, a portion of a saphenous vein, which has been previously removed from the leg, is grafted between the aorta and the obstructed coronary artery. The aorta is the huge artery that comes out of the left ventricle and carries fresh blood to the rest of the body. In this way, blood flows through the graft and around the obstruction, ensuring a better oxygen supply to the heart muscle.

Once coronary heart disease is suspected, a careful evaluation is necessary.

Although the methods of selecting patients for surgery are still controversial, recent studies using complex computer-based analyses have helped to better define which patients should have surgery and which ones should be treated medically.

The first consideration is the risk of death during or soon after surgery. At Emory University School of Medicine in Atlanta, only 25 deaths (0.8 percent) occurred in 3040 operations performed between 1976 and 1979. When the procedure is done by skilled and experienced surgical teams on patients who are not considered high risks, less than 2 percent will die within 30 days of surgery.

Surgical complications include an approximately 10 to 15 percent probability of sustaining a myocardial infarction (heart attack) during or immediately after surgery. An additional 5 to 15 percent of patients develop electrocardiographic abnormalities. Fortunately, the incidence

of both problems is declining as a result of better surgical techniques.

Approximately 10 to 15 percent of the bypass grafts close during the first year following surgery. For some reason, the underlying atherosclerosis process is accelerated in the bypassed artery. This can lead to problems, especially above the bypass location. The underlying disease in other coronary arteries is not changed by surgery, and may eventually affect previously clear arteries.

The progression of coronary heart disease is highly variable and may even be partially reversible.

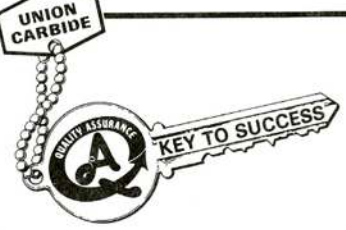
Surgeons sometimes advise patients to have a bypass operation promptly, while the heart muscle is still in good shape, because it may deteriorate later and make the operation much more hazardous. A recent Mayo Clinic study shows that the progression of coronary heart disease is highly variable and may even be partially reversible. A natural collateral circulation often develops around an obstructed artery. When this happens, it is probably far more effective than a surgical bypass. Unfortunately, development of an adequate collateral circulation is a lengthy and unpredictable process.

The most important benefit from bypass surgery appears to be the relief of severe angina, the squeezing chest pain which occurs with exertion. Individuals with more than a 70 percent obstruction in the left main artery are vulnerable to sudden death. Surgery certainly improves their outlook.

The first consideration is the risk of death during or soon after surgery.

Once coronary heart disease is suspected, a careful evaluation is necessary. When the risks of living without surgery clearly exceed those of surgery, the choice is reasonably clear. To get a balanced evaluation, patients should seek the advice of experienced cardiologists, and ask them to help select a surgical team if surgery is necessary.

Even when bypass surgery has been performed successfully, patients should remember that the atherosclerotic disease process may continue. Meticulous medical treatment and lifestyle management are essential for long-range survival.



"What's in the middle of Quality Assurance? U.R." (Submitted by Don L. Rhodes, ORGDP Maintenance.)

Question Box

Can employees be protected against physical abuse, insults?

QUESTION: Is there a policy protecting employees from the physical abuse and insults of co-workers?

ANSWER: Interpersonal relationships while at work should be characterized by courtesy and consideration for the rights and feelings of others. As stated in the employee handbook, *You at Union Carbide*, it is a violation of established rules and regulations for employees to engage in acts of conduct such as fighting, assault, battery, the use of threatening or abusive language or indecent conduct, remarks or improper proposals directed toward another employee. Such conduct can lead to disciplinary action, including discharge.

It is Company policy that all employee interactions shall be conducted in an environment which is not hostile or offensive, and which does not involve sexual, racial, and other forms of harassment or intimidation. If you have specific complaints, you should address them to your supervisor and/or the Affirmative Action Organization at your installation.

Wage adjustments

QUESTION: For the past several years, people in Computer Sciences Division with less than five years' company service have been getting salary adjustments. Some more were handed out today, the second time in less than four months. Apparently those of us with more than five years' service are not even considered for this. Does my experience not count for anything? Is there any possibility those of us with more than

five years' service might get adjustments also?

ANSWER: It is true that some younger service employees in the Computer Sciences organization have received salary adjustment recently, but not all employees with less than five years' company service (as the question seems to imply) have been adjusted. These adjustments were made due to the impact of rapidly increasing starting salaries for new computer science graduates as dictated by current market conditions. The people on our payroll most affected by new hire salaries are those with short-term service. Employees were reviewed for potential adjustment under a systematic procedure with regard to educational background, applicable experience, and regular salary programming. You may be assured that your experience "does count" in such a review. Yes, it is possible for an older service employee to get a salary adjustment due to gross inequity. You should bring the matter to the attention of your supervisor for review if you feel your salary is inequitable.

Toilet seat covers

QUESTION: Why can't the other plants have toilet seat covers like they have at ORNL?

ANSWER: Toilet seat cover dispensers are installed and in use in several lavatories at two installations. It is questionable whether they provide any sanitary benefit; and since they do contribute to clogging sanitary waste piping, it currently is not planned to extend their use.



NATIVE TO AREAS — The raccoon (*Procyon lotor*) is an impish carnivore found in the Oak Ridge-Paducah area woodlands. The grayish-brown creature is featured with a masklike face, making him appear more mischievous than he actually is. This one, however, was caught in the act of robbing a bait pail.

Nuclear waste programs to be directed by Thomas Row

Thomas H. Row has been appointed director of nuclear waste programs at ORNL, according to an announcement by Donald B. Trauger, associate director for nuclear and engineering technologies.

Row will provide overall direction for waste management activities, including research and development on waste disposal technologies, processing and disposal of ORNL-generated wastes, technical support to other contractor organizations, and program management for DOE. He succeeds A. L. Lotts, who has been appointed director of Nuclear Regulatory Commission programs at ORNL.

Since 1975, Row has been head of the environmental impacts section in the Energy Division which has prepared more than 100 environmental statements for various federal agencies as part of their responsibility under the National Environmental Policy Act.

These statements, dealing initially with the construction and operation of nuclear power plants, have since been expanded to include virtually all of the energy technologies currently under development. Most recently, the first statements on planned demonstration facilities for production of synthetic fuels from coal have been issued. Assessments also have dealt with the energy production from solar, geothermal and other alternative sources, as well as major DOE programs and facilities.

As section head, Row also has been responsible for research and development carried out in support of assessment activities, including predictive models for the behavior of thermal, chemical and radioactive effluents associated with power generating facilities.

Row joined the staff of the Laboratory's former Reactor Division in 1959, working in both the reactor analysis and nuclear safety sections. In 1967, he was appointed coordinator of an Atomic Energy Commission-supported program on spray and absorption technology for pressurized water reactor containment spray systems.



Row

In 1971, he became a member of the Laboratory's original team assigned to the preparation of environmental statements on nuclear facilities. He was appointed deputy manager of the environmental statements project in that year and manager in 1974.

Row received his BS degree in physics from Roanoke College in 1957 and the MS in nuclear engineering in 1959 from Virginia Polytechnic Institute and State University.

He has served as a consultant to the Nuclear Regulatory Commission's Advisory Committee on Reactor Safeguards, as past chairman of the American Nuclear Society's Environmental Sciences Division, and currently as chairman of the program committee of the ANS Power Division. He also is a member of Sigma Xi and the code of ethics committee of the National Association of Environmental Professionals.

He and his wife, Carole, live at 231 Louisiana Ave., Oak Ridge. They have four children.

Next issue...

The next issue will be dated April 23. The deadline will be April 14.

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